Aspire T620

User's Guide

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Aspire T620
User's Guide

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Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondense concerning your unit should include the serial number, model number, and purchase information.

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Model Number :_____

Serial Number:_____

Purchase Date: _____

Place of Purchase: _____

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Remark: All the drawings in the Guide are diagrams. About components's quantity and style, substances shall take precedence.

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System Tour

Your computer's front panel consists of the following:

Front panel

No.	Description	No.	Description
1	Optical Drive	2	Power Button
3	USB 2.0 Ports	4	Status Indicator
S	Volume Control	6	Card Reader
7	Speaker or Headphone Jack	8	Microphone Jack

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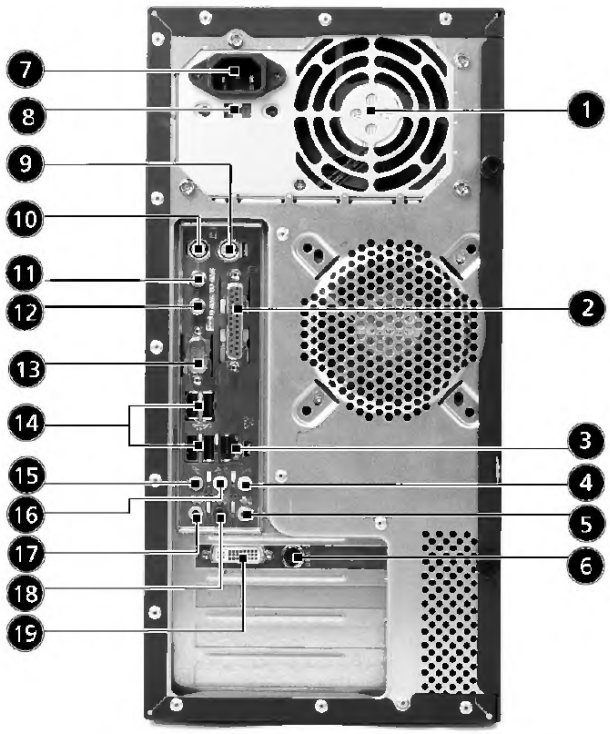
English

Rear panel



No.	Description	No.	Description
1	Fan Aperture	2	Printer Connector
3	RJ-45 Ethernet Connector	4	Line-In Jack
5	Rear Speaker Out	6	S-Video Out
7	Power cord socket	8	Voltage selector switch
9	PS/2 Mouse Connector	10	PS/2 Keyboard Connector
11	S/PDIF Out	12	S/PDIF In
13	Serial Port	14	USB 2.0 Ports
15	Microphone-In Jack	16	Front Speaker Out
17	Side Speaker Out	18	Center/Subwoofer Speaker Out
19	Digital Visual Interface		

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System Features

Your computer features:

Performance

- Intel® Pentium® 4 Socket LGA775 CPU
- System Memory DDR 400/333 DIMM, 4 DDR DIMM Slots, expandable to 4GB
- Power management function
- 3.5 inch floppy drive / card reader (optional)
- CD-ROM, DVD-ROM, CD-RW (52X/24X), DVD/CD-RW combo or DVD writer
- High-capacity, Enhanced-IDE drive / SATA
- Support USB 2.0 high performance peripherals

Multimedia

- 3D quality audio system via onboard audio controller
- Audio-in/Line-in, Audio-out/Line-out, Headphone out and external Microphone in jacks

Note: the system has two Microphone-in Jacks (front and rear) However, you can use both of them at the same time.

Connectivity

- Two PS/2 ports for keyboard and mouse
- One Parallel port
- One DVI port
- Six USB 2.0 ports (two on the front, four on the rear panel)
- High speed V.92, 56K fax/Data modem (optional)
- 10/100 Mbps Ethernet Network
- S/PDIF In/Out Ports
- Speaker Out (Front, Rear, Side and Center/Subwoofer)

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English

System peripherals

The Aspire T620 computer consists the system itself, and system peripherals, like a mouse, a keyboard and a set of speakers (optional). This section provides a brief description of basic system peripherals.

Mouse(PS/2 or USB, manufacturing option)

The included mouse is a standard two-button wheel mouse. Connect the mouse to the PS/2 mouse port or USB port on the back panel of the system.

Keyboard(PS/2 or USB, manufacturing option)

Connect the keyboard to the PS/2 keyboard port or USB port on the back panel of the system.

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Speakers

For systems bundled with speakers, before powering on the system, connect the speaker cable to the audio out (external speaker) port on the back panel of the system.

For more detailed information about the speakers, please refer to the included operating instructions.

Note: speakers are optional and the appearance might be different depending on the actual product.

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System upgrade

You can expand your Aspire T620 system quickly and easily by adding components. You can also upgrade the components of your Aspire T620 system.

Open the computer

Before removing any panels or covers, please make sure to shut off the computer and unplug the power cord from the outlet.

- Remove the two screws on the side panel.
- Slide the panel back and off.

Set up new components

You can only use components compatible with Aspire T620 computers. Before you choose new components, please ask your authorized Acer dealer whether the part will operate within your Aspire T620 system.

In order to ensure proper setup and installation, please consult the instructions provided with your new components.

Probable upgrades are:

- Upgrade to High Capacity HDD
- Expand high-level memory
- Upgrade from a CD-ROM drive to CD-RW, DVD-ROM, DVD/CD-RW combo, or DVD writer
- Install additional interface cards in empty PCI slots e.g., PCI fax/modem card

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Setting up your computer

Aspire T620 is a versatile, high-power system, supporting Intel® Socket LGA775 CPUs. The computer uses Peripheral Component Interface Express (PCI Express). This improves system efficiency and helps the system support varied multimedia and software applications.

Your Aspire T620 has standard I/O (Input/Output) interfaces such as a parallel port, PS/2 keyboard and mouse ports, six USB ports, two microphone ports and stereo line-out jacks (one at front and one at rear panel) and a stereo line-in Jack. The system can accommodate extra peripheral equipment through those I/O ports.

Your system can also support an optional high-speed fax/data modem or an additional LAN (local area network) card.

Furthermore, the system is compatible with Windows® XP operating systems.

Necessary to know before Setup

Prior to setting up your Aspire T620 System:

- Select a location
- Open package

Select location

Selecting the optimum location for your computer:

- Don't place the system too close to other electrical equipment.
- Don't place the system in high traffic areas or where the power cord or other cords may be stepped on.
- Avoid placing the system in any location that is excessively dusty or damp.

Open package

Open the package carefully and keep all packing materials for later use.

Ensure that all items are present and in good condition. If any of the following items are missing or appear damaged, contact your dealer immediately.

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- Aspire T620 Series
- PS/2 or USB keyboard (manufacturing option)
- PS/2 or USB mouse (manufacturing option)
- Speakers (for selected models only)
- User's Guide and Starter poster

Other user documentation and third party software.

Connecting the peripherals

Note: Don't connect system power cord before connecting all peripherals to the system.

After everything is connected, plug the power cord into the system and insert the other end into a power outlet.

Starting your computer

After connecting all the peripheral equipment, start your computer according to the below steps:

1 Power on all peripheral equipment, such as monitor, printer, fax, speakers etc.

2 Turn on the system. Once the start-up process is complete, you can begin to use the computer.

Shutting down your computer

From the "Start" Menu, select "Shut Down" and click OK.

In the event of a system crash, press and hold the power button on the front of the system for four seconds. After the system has shut down, turn off all peripheral devices.

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Troubleshooting

The following questions are possible situations that may arise during the use of your computer and each is followed by simple answers and solutions to the situation.

Q: I pressed the power switch but the system did not boot up.

A: Check the LED located above the power switch.

If the LED is not lit, no power is being applied to the system. Do any of the following:

- Check if the voltage selector switch located on the rear panel of the computer is set to the correct voltage.
- Check if you properly plugged the power cable into an electrical outlet.
- If you are using a power strip or AVR, make sure that it is plugged in and turned on.

If the LED is lit, check the following:

- Is a non bootable (non system) diskette in the floppy drive? If yes, remove or replace it with a system diskette and press Ctrl + Alt + Del to restart your computer.

Q: Nothing appears on the screen.

A: Your computer's power management function automatically blanks the screen to save power. Press any key to turn the display back on.

If pressing a key does not work, your computer. If restarting your computer does not work, contact your dealer or the technical support center for assistance.

Q: The printer does not work.

A: Do the following:

- Make sure that the printer is connected to a power outlet and that it is turned on.
- Make sure that the printer cable is connected securely to the system's parallel port and the corresponding port on the printer.
- For additional information concerning the printer, refer to the printer's documentation.

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Q: No sound comes out from the speakers.

A: Check the following:

- The volume may be muted. Look for the Volume icon on the taskbar. If it is crossed-out, click on the icon and deselect the Mute option. You can also press the volume control/mute knob on your USB keyboard to toggle the mute function.
- If headphones, earphones, or external speakers are connected to the line-out jack of your computer, the internal or built-in speakers are automatically turned off.

Q: System cannot read diskette, hard disk, CD or DVD information.

A: Check the following:

- Make sure that you are using the correct type of media.
- Check if the diskette is formatted correctly. If not, format it again.

Caution: If you reformat a diskette, you will lose any data on it.

Make sure the diskette, CD or DVD is inserted into the drive correctly.

- Check if the CD or DVD is clean and not scratched.
- Check your drive by using a good (i.e., undamaged) diskette or a good disc. If your floppy drive, CD or DVD drive can not read the information on the good diskette, CD or DVD there may be a problem with the drive. Contact your dealer or technical support center for assistance.

Q: System cannot write diskette, hard disk or disc.

A: Check the following:

- Make sure the media is not write-protected.
- Make sure that you are using the correct type of diskette. Check if the diskette is formatted correctly. If not, format it again.

Caution: If you reformat a diskette, you will lose any data on it.

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Taking Care of your computer

Please read the important instructions listed in this section. Following these instructions will help you maximize the durability of your computer.

Important tips

- Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
- Do not subject the computer to magnetic fields.
- Do not expose the computer to rain or moisture.
- Do not spill water on the computer.
- Do not subject the computer to heavy shock or vibration.
- Do not expose the computer to dust and dirt.
- Never place the system on uneven surfaces.
- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from personal traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere rating of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.
- Check the documentation that came with your software programs to see if you can select other combinations of resolution and color. These adjustments could make viewing the screen more comfortable.

Cleaning and servicing

To clean your computer and keyboard

1 Turn off the computer and unplug the power cord.

2 Use a soft cloth moistened with water and gently wipe the exterior of the computer and the keyboard. Do not use liquid or aerosol cleaners.

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To clean your pointing device

To clean your mouse (with rubber ball)

1 Open the circular cover underneath the mouse.

2 Take out the rubber ball and wipe it with a soft, damp cloth.

3 Put the ball back and replace the cover.

To clean your optical mouse

For users of an optical mouse, refer to the documentation that came with your mouse for maintenance instructions.

To clean your monitor

Make sure that you keep your screen clean. For cleaning instructions, refer to the documentation that came with your monitor.

When to contact a service technician

- If you dropped and damaged the computer.
- If liquid has been spilled into the computer.
- If the computer is not operating normally.

Asking for technical assistance

For technical assistance, contact your local dealer or distributor. You may also access the Acer Web site (www.acersupport.com) for information on how and where to contact the service centers available in your area.

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Energy Star Guidelines Compliance

As an Energy Partner, Acer Inc., has determined that this product meets the Energy Star guidelines for energy efficiency.

Declaration of Conformity for EU countries

Hereby, Acer, declares that this personal computer is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Modem notices

TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.

Important safety instructions

Read these instructions carefully. Save them for future reference.

1 Follow all warnings and instructions marked on the product.

2 Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

3 Do not use this product near water.

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4 Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

5 Slots and openings are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.

6 This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.

7 Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.

8 If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.

9 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

10 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

11 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

   a When the power cord or plug is damaged or frayed.

   b If liquid has been spilled into the product.

   c If the product has been exposed to rain or water.

   d If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

   e If the product has been dropped or the case has been damaged.

   f If the product exhibits a distinct change in performance, indicating a need for service.

12 Use only the proper type of power supply cord set (provided in your accessories box) for this unit. It should be a detachable type: UL listed/CSA certified, type SPT-2, rated 7A 125V minimum, VDE approved or its equivalent. Maximum length is 15 feet (4.6 meters).

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13 Always disconnect all telephone lines from the wall outlet before serving or disassembling this equipment.

14 Avoid using a telephone line (other than cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

Lithium battery statement

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to local regulations. Recycle if at all possible.

ADVARSEL!
Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Léver det brugte batteri tilbage til leverandøren.

ADVARSEL
Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

VARNING
Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

VAROITUS
Päristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

VORSICHT!
Explosionsgefahr bei unsachgemäßen Austausch der Batterie Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

Laser compliance statement

The CD or DVD drive used with this computer is a laser product. The CD or DVD drive's classification label (content shown below) is located on the drive.

CLASS 1 LASER PRODUCT
CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

APPAREIL A LASER DE CLASSE 1 PRODUIT
LASERATTENTION: RADIATION DU FAISCEAU LASER INVISIBLE EN CAS D'OUVERTURE. EVITTER TOUTE EXPOSITION AUX RAYONS.

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LUOKAN 1 LASERLAITE LASER KLASSE 1
VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHLL AUSSETZEN

PRODUCTO LÁSER DE LA CLASE I
ADVERTENCIA: RADIACIÓN LÁSER INVISIBLE AL SER ABIERTO. EVITE EXPONERSE A LOS RAYOS.

ADVARSEL: LASERSTRÅLING VEDÅBNING SE IKKE IND I STRÅLEN.

VARO! LAVATTAESSA OLET ALTTINA LASERSÅTEILYLLE.
VARNING: LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPNAD ÅLÅ TUIJOTA SÅTEESEENSTIRRA EJ IN I STRÅLEN

VARNING: LASERSTRÅLNING NAR DENNA DEL ÅR ÖPPNADSTIRRA EJ IN I STRÅLEN

ADVARSEL: LASERSTRÅLING NAR DEKSEL ÅPNESSTIRR IKKE INN I STRÅLEN

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Declaration of Conformity for CE marking

Name of Manufacturer:	Acer Inc.
Address of Manufacturer:	8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R. O. C.
Declares that product:	Personal Computer
Model:	Aspire T620

Conforms to the EMC Directive 89/336/EEC as attested by conformity with the following harmonized standards:

EN55022:1994 /A2: 1997: Limits and Methods of Measurement of Radio Interference characteristics of Information Technology Equipment

EN55024: 1998/A1:2001: Information technology equipment--Immunity characteristics --Limits and methods of measurement including:

EN61000-4-2: 1995/A1: 1998/A2: 2001	EN61000-4-6: 1996/A1: 2001
EN61000-4-3: 1996/A1: 1998	EN61000-4-8: 1993/A1: 2001
EN61000-4-4: 1995/A2: 2001	EN61000-4-11: 1994/A1: 2001
EN61000-4-5: 1995/A1: 2001	

EN61000-3-2: 2000: Limits for harmonics current emissions

EN61000-3-3: 1995/A1: 2001: Limits for voltage fluctuations and flicker in low-voltage supply systems

Conforms to the Low Voltage Directive 73/23/EEC as attested by conformity with the following harmonized standard:

EN60950: 2000: Safety of Information Technology Equipment Including electrical business equipment. This equipment has been approved to Council Decision 98/482/EC (CTR21) for pan- European single terminal connection to the Public Switched Telephone Network (PSTN).

We, Acer Inc., hereby declare that the equipment bearing the trade name and model number specified above was tested conforming to the applicable Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the requirements.

Easy Lai

2003/11/19

Date

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